

### ABSTRACT

In power source control method and a control circuit thereof and an image forming apparatus having the control circuit: when a logic circuit voltage detecting circuit (voltage detecting means) detects a voltage drop of a power source of a power voltage (logic circuit power source), a residual charge of a logic circuit power source is forcibly discharged by a power source control circuit (voltage control means), whereby a drive circuit voltage can be caused to attenuate faster than the fall of the power source of the power voltage (logic circuit power source) of the power source unit, thereby preventing damage to an image forming apparatus.